

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/00610

A. CLASSIFICATION OF SUBJECT MATTER												
IPC(7) : G06G 7/70												
US CL : 701/116, 117, 119, 120, 121; 340/425.5, 435, 436, 438-439, 901, 903, 906, 907												
According to International Patent Classification (IPC) or to both national classification and IPC												
B. FIELDS SEARCHED												
Minimum documentation searched (classification system followed by classification symbols) U.S. : 701/116, 117, 119, 120, 121; 340/425.5, 435, 436, 438-439, 901, 903, 906, 907												
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched												
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST: driver, behavior, parameters, road, vehicle												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X	US 5,544,053 A (NAKASHIMA) 06 August 1996 (06.08.1996), column 7, lines 13-50; col. 10, lines 13-45; col. 14, lines 1-67; column 34, lines 3-66.	1-130										
X	US 5,901,806 A (TAKAHASHI) 11 May 1999 (11.05.1999), column 2-6; column 7, lines 49-63; column 8, lines 31-65.	1-130										
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.												
* Special categories of cited documents: <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention											
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art											
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family											
"P" document published prior to the international filing date but later than the priority date claimed												
Date of the actual completion of the international search		Date of mailing of the international search report										
30 September 2005 (30.09.2005)		17 NOV 2005										
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner of Patents P.O. Box 1450 Alexandria, Virginia 22313-1450		Authorized officer <i>D. W. Williams</i> Thomas Black										
Facsimile No. (703) 305-3230		Telephone No. 571-272-3600										

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Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claim Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claim Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claim Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Please See Continuation Sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

BOX II. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claim(s) 1-17, 18-29, drawn to a method of evaluating the driving behavior in a vehicle.

Group II, claim(s) 30-45, drawn to a method for aiding safe driving comprising traffic directives.

Group III, claim(s) 46-51, drawn to Apparatus for determining the location of a vehicle.

Group IV, claim(s) 52-54, 59-66, drawn to apparatus for monitoring vehicle driving.

Group V, claim(s) 55-58, drawn to a method of analyzing safety distance keeping of a vehicle.

Group VI, claim(s) 67-70, drawn to a method of providing a driving behavior score.

Group VII, claim(s) 71-79, drawn to a method of determining parameters of road segments of interest.

Group VIII, claim(s) 80-85, drawn to a method of handling vehicle monitoring information.

Group IX, claim(s) 86-92, drawn to a driver warning unit.

Group X, claim(s) 93-103, drawn to a method of providing warnings to a driver.

Group XI, claim(s) 104-113, drawn to a driving monitoring system.

Group XII, claim(s) 114-119, 120-125, 129-130, drawn to a method of assigning a safety score to a vehicle

Group XIII, claim(s) 126-128, drawn to a method of analyzing vehicle behavior.